Fred Hutchinson Cancer Center is an independent, nonprofit, unified adult cancer care and research center that is clinically integrated with UW Medicine, a world leader in clinical care, research and learning. The only National Cancer Institute-designated cancer center in the Pacific Northwest, Fred Hutch’s global leadership in bone marrow transplantation, HIV/AIDS prevention, immunotherapy, and COVID-19 vaccines has confirmed our reputation as one of the world’s leading cancer, infectious disease and biomedical research centers. Based in Seattle, Fred Hutch operates eight clinical care sites that provide medical oncology, infusion, radiation, proton therapy, and related services, and network affiliations with hospitals in five states. Together, our fully integrated research and clinical care teams seek to discover new cures to the world’s deadliest diseases and make life beyond cancer a reality.

At Fred Hutch, we believe that the innovation, collaboration, and rigor that result from diversity and inclusion are critical to our mission of eliminating cancer and related diseases. We seek employees who bring different and innovative ways of seeing the world and solving problems. Fred Hutch is in pursuit of becoming an antiracist organization. We are committed to ensuring that all candidates hired share our commitment to diversity, antiracism, and inclusion.

The Statistical Center for HIV/AIDS Research and Prevention (SCHARP) at Fred Hutch is a full service statistical and data management center focused on HIV prevention research and COVID-19 vaccine development. Within SCHARP, the Vaccine Immunology Statistical Center (VISC) partners with world-class research programs and immunological laboratories to tackle global public health initiatives in infectious disease. VISC operates within two global research networks: the Collaboration for AIDS Vaccine Discovery (CAVD) and the Global Health Discovery Collaboratory (GHDC), both supported by the Bill and Melinda Gates Foundation.

VISC is seeking a Biostatistician III/IV. Biostatistician provide statistical support across a breadth of applications including pre-clinical and clinical trials of novel vaccines and passive immunization regimens, as well as infectious disease observational studies. We work with high-dimensional single-cell, next generation sequencing, and multiplex immunoassay data, with the overarching goal of improving our understanding of the immune system and correlates of protection provided by vaccines. Our methodological focus ranges from traditional biostatistics, to ML/AI, and dynamic modeling. We are particularly interested in candidates who are curious and willing to learn, passionate about science and improving global health, and who are excited to be part of a collaborative multidisciplinary team that supports professional growth and personal well-being. We value scientific rigor, open science, inclusion and diversity.
Responsibilities

• Collaborate with PhD biostatisticians and computational biologists, statistical research associates and statistical programmers, data scientists, project managers, laboratory scientists, clinicians, and other subject-matter experts to provide statistical support for immunological assay analyses from preclinical, clinical, and observational studies.

• Identify statistical and computational methods to properly address scientific questions.

• Generate professional and reproducible reports for distribution to external clients.

• Participate in analysis data specifications, code and/or writing review, and verification of reports prepared by programmers, statisticians, or other team members.

• Contribute to and review study documents including protocol drafts, statistical analysis plans, scientific abstracts and manuscripts, and other documents as required.

• Participate in internal, study team, organizational, and scientific meetings.

• Participate in internal project initiatives to develop new tools and processes, evaluate new statistical software packages, or explore other solutions for improving workflows and team collaboration.

• Represent VISC and SCHARP at professional meetings.

• Mentor or formally supervise more junior SRAs as required. Conduct performance reviews of direct reports.

Minimum qualifications:

Level III

• MS or PhD degree in Statistics, Biostatistics, or related field with demonstrated work experience.

• A minimum of 3 years of related work experience is required.

• Proficiency with R.

• Demonstrated knowledge of general statistical practice within clinical trials.

• Thorough understanding of statistical programming process and best practices.

• Functional understanding of GCP and regulatory requirements.

• Proven track record of collaboration with internal colleagues.

• Strong oral and written communication skills.

Level IV

• Level III minimum qualifications plus:

• A minimum of 5 years of related work experience is required

• High-level proficiency with R

• Minimum of 1 year of experience in a senior, lead or management role

• Minimum of 1 year of experience statistical project management

• Strong organizational and multi-tasking skills

• Proven track record of collaboration with external partners
Preferred qualifications:

Level III

• 4+ years of relevant work experience.
• Experience with laboratory assay data.
• Interest or demonstrated experience in pharmacokinetics or mathematical modeling
• Experience with R-markdown.
• Experience with Git, GitHub, or other version control software.
• Demonstrated specialized knowledge of statistical practice for laboratory assay data.
• Proven track record of collaboration with external collaborators.

Level IV

• 6+ years of relevant work experience
• Demonstrated specialized knowledge of statistical practice for laboratory assay data.
• 2+ years of experience in a senior, lead or management role
• 2+ years of experience in statistical project management
• Functional understanding of network needs and objectives
• Able to lead network-specific statistical tasks with minimal supervision

Fred Hutch has a mandatory COVID-19 vaccine requirement, with exceptions only for approved medical or religious accommodations.

As a condition of employment, newly hired employees must provide proof of vaccination or initiate the accommodations process before their first day of employment.

A statement describing your commitment and contributions toward greater diversity, equity, inclusion, and antiracism in your career or that will be made through your work at Fred Hutch is requested of all finalists.

Our Commitment to Diversity

We are proud to be an Equal Employment Opportunity (EEO) and Vietnam Era Veterans Readjustment Assistance Act (VEVRAA) Employer. We are committed to cultivating a workplace in which diverse perspectives and experiences are welcomed and respected. We do not discriminate on the basis of race, color, religion, creed, ancestry, national origin, sex, age, disability (physical or mental), marital or veteran status, genetic information, sexual orientation, gender identity, political ideology, or membership in any other legally protected class. We are an Affirmative Action employer. We encourage individuals with diverse backgrounds to apply and desire priority referrals of protected veterans. If due to a disability you need assistance/and or a reasonable accommodation during the application or recruiting process, please send a request to our Employee Services Center at hrops@fredhutch.org or by calling 206-667-4700.